

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : DENSO CORP

TOYOTA MOTOR CORP

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(72)Inventor : KATO HARUHIKO

IMAMURA TOMONORI

SAITO TOMOHIRO

OKAMOTO KUNIO

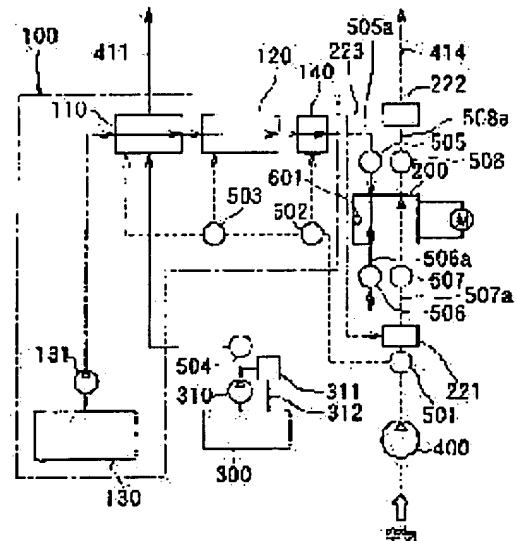
HATTORI HIBIKI

(54) FUEL CELL SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce the amount of unreacted hydrogen exhausted from a fuel cell and suppress generation of stress or polymer membrane.

SOLUTION: Hydrogen valves 505, 506 are installed on the hydrogen intake side and the hydrogen exhaust side, and the supply of hydrogen to the fuel cell 200 is adjusted with the hydrogen valves 505, 506 so as to intermittently conduct according to the consumption amount of the hydrogen of the fuel cell 200. Air valves (oxygen valves) 507, 508 are installed on the air (oxygen) intake side and the air exhaust side, and the supply of oxygen to the fuel cell 200 is adjusted with the air valves 507, 708 so as to intermittently conduct according to the intermittent supply of hydrogen.



100 : 水素供給装置 (水素供給手段)
200 : FCスタック (燃料電池)
505 : 第1水素バルブ
506 : 第2水素バルブ
507 : 第1空気バルブ
508 : 第2空気バルブ

LEGAL STATUS

[Date of request for examination]

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